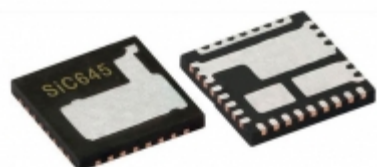


SIC645ADR-T1-GE3





Part Number: [SIC645ADR-T1-GE3](#)

Manufacturer: [Electro-Films \(EFI\) / Vishay](#)

Description: 60A VRPOWER SMART POWER STAGE(SP)

Data sheet:  [SIC645](#)

RoHs Status:

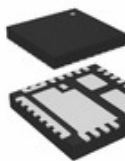
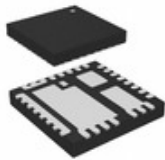
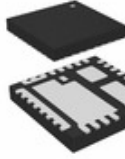
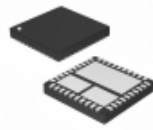
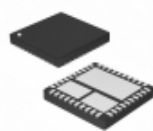
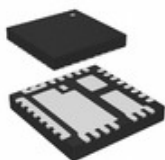
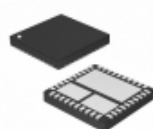
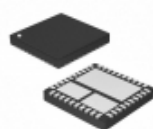
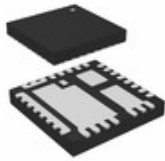
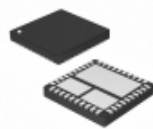
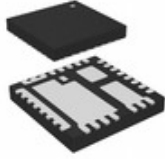
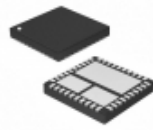
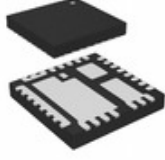
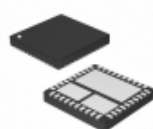
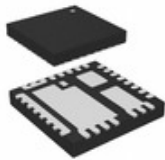
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy SIC645ADR-T1-GE3 with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                         |                                |                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | SIC645ADR-T1-GE3                                        | Manufacturer                   | <a href="#">Electro-Films (EFI) / Vishay</a>                                                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 60A VRPOWER SMART POWER STAGE(SP)                       | Lead Free Status / RoHS Status |                                                                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 59714 pcs                                               | Data sheet                     | <a href="#">SIC645</a>                                                                                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>               | Voltage - Supply               | 4.75 ~ 5.25 V                                                                                             |
| Voltage - Load                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4.5 V ~ 18 V                                            | Technology                     | NMOS                                                                                                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PowerPAK® MLP55-32 Double Cooling                       | Series                         | VRPower®                                                                                                  |
| Rds On (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.76 mOhm LS, 3.6 mOhm HS                               | Packaging                      | Tape & Reel (TR)                                                                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 32-PowerWQFN, Module                                    | Output Configuration           | Half Bridge                                                                                               |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -40°C ~ 85°C (TJ)                                       | Mounting Type                  | Surface Mount                                                                                             |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 22 Weeks                                                | Load Type                      | Inductive                                                                                                 |
| Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PWM                                                     | Features                       | Bootstrap Circuit, Status Flag                                                                            |
| Fault Protection                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Current Limiting, Over Temperature, Shoot-Through, UVLO | Detailed Description           | Half Bridge Driver Synchronous Buck Converters, Voltage Regulators NMOS PowerPAK® MLP55-32 Double Cooling |
| Current - Peak Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                       | Current - Output / Channel     | -                                                                                                         |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Synchronous Buck Converters, Voltage Regulators         |                                |                                                                                                           |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Electro-Films (EFI) / Vishay series electronic components. We have 59714 pieces of Electro-Films (EFI) / Vishay SIC645ADR-T1-GE3 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                         |                                |                                                                                                           |

| RELATED PRODUCTS                                                                   |                                                                                           |                                                             |     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------|-----|
|  | Part#: <a href="#">SIC639ACD-T1-GE3</a><br>Description: INTEGRATED POWER STAGE POWERPAK   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | RFQ |
|  | Part#: <a href="#">SIC632CD-T1-GE3</a><br>Description: IC CTRL STAGE 50A 5V PWM PPAK ML   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | RFQ |
|  | Part#: <a href="#">SIC645ALR-T1-GE3</a><br>Description: 60A VRPOWERSMART POWER STAGE(SPS) | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | RFQ |
|  | Part#: <a href="#">SIC621CD-T1-GE3</a><br>Description: 60A VRPOWER(DRMOS)INTEGRATED POW   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | RFQ |
|  | Part#: <a href="#">SIC631CD-T1-GE3</a><br>Description: IC CTRL STAGE 50A 5V PWM PPAK ML   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | RFQ |
|  | Part#: <a href="#">SIC769ACD-T1-GE3</a><br>Description: IC CTRL PFC STAGE PPAK MLP66-40   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | RFQ |
|  | Part#: <a href="#">SIC778ACD-T1-GE3</a><br>Description: IC BUCK ADJ 40A 40MLP             | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | RFQ |
|  | Part#: <a href="#">SIC645AER-T1-GE3</a><br>Description: IC PWR STAGE 60A 3.3V MLP55-32L   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | RFQ |
|  | Part#: <a href="#">SIC639CD-T1-GE3</a><br>Description: INTEGRATED POWER STAGE POWERPAK    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | RFQ |
|  | Part#: <a href="#">SIC769CD-T1-E3</a><br>Description: IC CTRL PFC STAGE PPAK MLP66-40     | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | RFQ |
|  | Part#: <a href="#">SIC770CD-T1-GE3</a><br>Description: IC CTRL PFC STAGE PPAK MLP66-40    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | RFQ |
|  | Part#: <a href="#">SIC638ACD-T1-GE3</a><br>Description: INTEGRATED POWER STAGE POWERPAK   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | RFQ |
|  | Part#: <a href="#">SIC778CD-T1-GE3</a><br>Description: IC BUCK ADJ 40A 40MLP              | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | RFQ |
|  | Part#: <a href="#">SIC638CD-T1-GE3</a><br>Description: INTEGRATED POWER STAGE POWERPAK    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | RFQ |
|  | Part#: <a href="#">SIC762CD-T1-GE3</a><br>Description: IC CTRL PFC STAGE PPAK MLP66-40    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | RFQ |
|  | Part#: <a href="#">SIC634CD-T1-GE3</a><br>Description: 40A VRPOWER (DRMOS) INTEGRATED P   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | RFQ |
|  | Part#: <a href="#">SIC620RCD-T1-GE3</a><br>Description: IC CTRL STAGE 60A 5V PWM PPAK     | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | RFQ |
|  | Part#: <a href="#">SIC645ER-T1-GE3</a><br>Description: 60A VRPOWERSMART POWER STAGE(SPS)  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | RFQ |
|  | Part#: <a href="#">SIC772CD-T1-GE3</a><br>Description: IC MOSFET DRIVER N-CH 40MLP        | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | RFQ |
|  | Part#: <a href="#">SIC632ACD-T1-GE3</a><br>Description: IC CTRL STAGE 50A 3.3V PWM PPAK   | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | RFQ |

|                                               |                                               |                                       |                                                      |
|-----------------------------------------------|-----------------------------------------------|---------------------------------------|------------------------------------------------------|
| Related keywords for SIC645ADR-T1-GE3         |                                               |                                       |                                                      |
| Electro-Films (EFI) / Vishay SIC645ADR-T1-GE3 | SIC645ADR-T1-GE3 distributor                  | SIC645ADR-T1-GE3 supplier             | SIC645ADR-T1-GE3 price                               |
| SIC645ADR-T1-GE3 download datasheet           | SIC645ADR-T1-GE3 datasheet                    | SIC645ADR-T1-GE3 stock                | buy SIC645ADR-T1-GE3                                 |
| Electro-Films (EFI) / Vishay SIC645ADR-T1-GE3 | Electro-Films (EFI) / Vishay SIC645ADR-T1-GE3 | Vishay Electro-Films SIC645ADR-T1-GE3 | Phoenix Passive Components / Vishay SIC645ADR-T1-GE3 |